

Please type a plus sign (+) inside this box → +

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

COMPLETE IF KNOWN

Application Number	09/724,799	Conf. No.	7802
Filing Date	November 28, 2000		
First Named Inventor	Kenneth H. Abbott		
Group Art Unit	2176 2145		
Examiner Name	Unknown		
Attorney Docket No.	29443-8023US1		

RECEIVED

MAY 23 2002

Technology Center 2100

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 1 of 3

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
plw	AA	4,916,441		Gombrich	4/10/90	
plw	AB	5,032,083		Friedman	7/16/91	
plw	AC	5,201,034		Matsuura et al.	4/6/93	
plw	AD	5,208,449		Eastman et al.	5/4/93	
plw	AE	5,214,757		Mauney et al.	5/25/93	
plw	AF	5,227,614		Danielson et al.	7/13/93	
plw	AG	5,335,276		Thompson et al.	8/2/94	
plw	AH	5,416,730		Lookofsky	5/16/95	
plw	AI	5,470,233		Fruchterman et al.	11/28/95	
plw	AJ	5,493,692		Theimer et al.	2/20/96	
plw	AK	5,544,321		Theimer et al.	8/6/96	
plw	AL	5,555,376		Theimer et al.	9/10/96	
plw	AM	5,559,520		Barzegar et al.	9/24/96	
plw	AN	5,568,645		Morris et al.	10/22/96	
plw	AO	5,601,435		Quy	2/11/97	
plw	AP	5,603,054		Theimer et al.	2/11/97	
plw	AQ	5,611,050		Theimer et al.	3/11/97	
plw	AR	5,642,303		Small et al.	6/24/97	
plw	AS	5,646,629		Loomis et al.	7/8/97	
plw	AT	5,719,744		Jenkins et al.	2/17/98	
plw	AU	5,726,660		Purdy et al.	3/10/98	
plw	AV	5,751,260		Nappi et al.	5/12/98	
plw	AW	5,781,913		Felsenstein et al.	7/14/98	
plw	AX	5,790,974		Tognazzini	8/4/98	
plw	AY	5,798,733		Ethridge	8/25/98	
plw	AZ	5,812,865		Theimer et al.	9/22/98	
plw	BA	5,873,070		Bunte et al.	2/16/99	
plw	BB	5,878,274		Kono et al.	3/2/99	
plw	BC	5,902,347		Backman et al.	5/11/99	
plw	BD	5,910,799		Carpenter et al.	6/8/99	
plw	BE	5,938,721		Dussell et al.	8/17/99	
plw	BF	5,948,041		Abo et al.	9/7/99	
plw	BG	5,959,611		Smailagic et al.	9/28/99	
plw	BH	5,991,687		Hale et al.	11/23/99	
plw	BI	6,014,638		Burge et al.	1/11/00	
plw	BJ	6,047,301		Bjorklund et al.	4/4/00	
plw	BK	6,064,943		Clark, Jr. et al.	5/16/00	
plw	BL	6,108,197		Janik	8/22/00	
plw	BM	6,127,990		Zwern	10/3/00	

EXAMINER

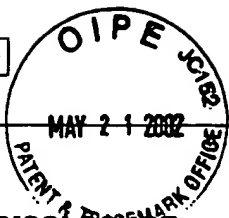
Patrice Winder

DATE CONSIDERED

June 27, 2005

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Please type a plus sign (+) inside this box → ☐



PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

COMPLETE IF KNOWN

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	09/724,799	Conf. No. 7802
			Filing Date	November 28, 2000	
			First Named Inventor	Kenneth H. Abbott	
			Group Art Unit	2176 2145	
			Examiner Name	Unknown	
Attorney Docket No.	29443-8023US1		MAY 28 2002		

Technology Center 2100

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIALS	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number Kind Code (if known)				
plw	BN	EPO	EP 0823 813A2	Kopin Corporation	2/11/98		
plw	BO	JPO	05260188	Matsushita Electric Ind. Co. Ltd.	10/8/93	Abstract Only	
plw	BP	JPO	09091112	Toshiba Corp.	4/4/97	Abstract Only	
plw	BQ	PCT	WO 90/08361	The Scott Fetzer Company	7/26/90		
plw	BR	PCT	WO 97/03434	Virtual I/O, Inc.	1/30/97		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

*EXAMINER INITIALS	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.	T
plw	BS	"Affective Understanding: Modeling and Responding to User Affect," http://www.media.mit.edu/affect/AC_research/understanding.html , pp. 1-3 [Accessed 2 Oct 1998].	
plw	BT	"Alps GlidePoint," http://www.alps.com/pl17.html , p. 1 [Accessed 2 Oct 1998].	
plw	BU	"GyroPoint Technology," http://www.gyrpoint.com/numgyropoint.htm , pp. 1-3 [Accessed 2 Oct 1998].	
plw	BV	"Haptics," http://www.ai.mit.edu/projects/handarm-haptics/haptics.html , pp. 1-2 [Accessed 2 Oct 1998].	
plw	BW	"Research Areas in Affective Computing," http://www.media.mit.edu/affect/ , p. 1 [Accessed 2 Oct 1998].	
plw	BX	"Research on Affective Pattern Recognition and Modeling," http://www.media.mit.edu/affect/AC_research/recognizing.html , pp. 1-4 [Accessed 2 Oct 1998].	
plw	BY	"Research on Sensing Human Affect," http://www.media.mit.edu/affect/AC_research/sensing.html , pp. 1-5 [Accessed 2 Oct 1998].	
plw	BZ	"Smart Rooms," http://vismod.www.media.mit.edu/vismod/demos/smartroom/ , pp. 1-3 [Accessed 2 Oct 1998].	
plw	CA	"SmartDesk Home Page," http://vismod.www.media.mit.edu/vismod/demos/smartdesk/ , pp. 1-4 [Accessed 2 Oct 1998].	
plw	CB	"The MIT Wearable Computing Web Page," http://wearables.www.media.mit.edu/projects/wearables/ , pp. 1-3 [Accessed 2 Oct 1998].	
plw	CC	"Wearable Computer Systems for Affective Computing," http://www.media.mit.edu/affect/AC_research/wearables.html , pp. 1-5 [Accessed 2 Oct 1998].	
plw	CD	Aoki, Hisashi et al., "Realtime Personal Positioning System for a Wearable Computer," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
plw	CE	Bauer et al., "A Collaborative Wearable System with Remote Sensing," University of Oregon, February 1996.	
plw	CF	Billinghurst, Mark and Thad Starner, "Wearable Devices, New Ways to Manage Information," <i>IEEE</i> , pp. 57-64, January 1999.	
plw	CG	Bowskill, J. et al., "Wearable Location Mediated Telecommunications; A First Step Towards Contextual Communication," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19 1999.	
plw	CH	Dey, Anind K. et al., "The Conference Assistant: Combining Context-Awareness with Wearable Computing," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999.	
plw	CI	Finger et al., "Rapid Design and Manufacture of Wearable Computers," Communication of the ACM, Vol. 39, No. 2, February 1996, pp. 63-68	
plw	CJ	Golding, Andrew and Neal Lesh, "Indoor Navigation Using a Diverse Set of Cheap, Wearable Sensors," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
plw	CK	Hull et al., "Towards Situated Computing," Hewlett-Packard Laboratories, HPL-97-66 (1997).	
plw	CL	Kirsch, Dana, "The Sentic Mouse: A tool for measuring emotional valence," http://www.media.mit.edu/affect/AC_research/projects/sentic_mouse.html , pp. 1-2 [Accessed 2 Oct 1998].	
plw	CM	Kortuem et al., "Context-Aware, Adaptive Wearable Computers as Remote Interfaces to 'Intelligent' Environments," University of Oregon, October 1998	
plw	CN	Kortuem, Gerd, "When Cyborgs Meet: Building Communities of Cooperating Wearable Agents," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	

EXAMINER <i>Patrice L. Winder</i>	DATE CONSIDERED <i>June 27, 2005</i>
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	

Please type a plus sign (+) inside this box → ☐

MAY 21 2002

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

COMPLETE IF KNOWN

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Application Number	09/724,799	Conf. No.	7802
Filing Date	November 28, 2000	RECEIVED	
First Named Inventor	Kenneth H. Abbott		
Group Art Unit	2198 2145 MAY 23 2002		
Examiner Name	Unknown		
Attorney Docket No.	29443-8023US1 Technology Center 2100		

Sheet 3 of 3

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.	T
plw	CO	Lashkari, Yezdi et al., "Collaborative Interface Agents," Proceedings of AAAI '94 Conference, Seattle, Washington, August 1994	
plw	CP	Lehikoinen, Juha et al., "MEX: A Distributed Software Architecture for Wearable Computers," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
plw	CQ	Leonhardi, Alexander et al., "Virtual Information Towers - A Metaphor for Intuitive, Location-Aware Information Access in a Mobile Environment," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
plw	CR	Lunt, Teresa F. et al., "Knowledge-Based Intrusion Detection," Proceedings of the Annual Artificial Intelligence Systems in Government Conference, IEEE Comp. Soc. Press, Vol. Conf. 4, 1989, pages 102-107.	
plw	CS	Maes, Pattie, "Agents That Reduce Work and Information Overload," Communications of the ACM, Vol. 37, No. 7, July 1994	
plw	CT	Mann, Steve, "Smart Clothing: Wearable Multimedia Computing and 'Personal Imaging' to Restore the Technological Balance Between People and Their Environments," ACM Multimedia, November 1996, pp. 163-174	
plw	CU	Metz, Cade, "MIT: Wearable PCs, Electronic Ink, and Smart Rooms," PC Magazine, pp. 192-193, June 1998.	
plw	CV	Oakes, Chris, "The Truman Show Realized?," http://www.wired.com/news/news/technology/story/15745.html , pp. 1-4 [Accessed 21 Oct 1998].	
plw	CW	Picard, R.W. and Healey, J., "Affective Wearables," Personal Technologies vol. 1: 231-240, MIT Media Laboratory (1997).	
plw	CX	Rekimoto et al., "The World through the Computer: Computer Augmented Interaction with Real World Environments," ACM, November 1995, pp. 29-36	
plw	CY	Rhodes, Bradley, "WIMP Interface Considered Fatal," http://rhodes.www.media.mit.edu/people/rhodes/Papers/no-wimp.html , pp. 1-3 [Accessed 2 Oct 1998].	
plw	CZ	Rhodes, Bradley, J. "The Wearable Remembrance Agent: A System for Augmented Memory," Proceedings of the First International Symposium on Wearable Computers (ISWC '97), Cambridge, MA, October 13-14, 1997	
plw	DA	Sato, J. et al., "Autonomous Behavior Control of Virtual Agents Based on the AIR Model," Proceedings Computer Animation, June 5, 1997.	
plw	DB	Schneider, Jay and Jim Suruda, "Modeling Wearable Negotiation in an Opportunistic Task Oriented Domain," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19 1999	
plw	DC	Smailagic et al., "Matching interface design with user task: Modalities of Interaction with CMU Wearable Computers," IEEE Personal Communications, February 1996, pp. 14-25	
plw	DD	Smailagic, Asim et al., "MoCCA: A Mobile Communication and Computing Architecture," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
plw	DE	Stamer et al., "Visual Contextual Awareness in Wearable Computing," Media Lab, MIT, October 1998	
plw	DF	Tan, Hong Z. and Alex Pentland, "Tactical Displays for Wearable Computing," IEEE, Massachusetts Institute of Technology Media Laboratory, pp. 84-88, 1997.	
plw	DG	Yang, Jie et al., "Smart Sight: A Tourist Assistant System," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	

EXAMINER

Patrice L. Winder

DATE CONSIDERED

June 27, 2005

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).